

DII.3200.Sol251.KernelP1.IG-1

Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Version 3.2.0.0

Kernel Patch 1 Installation Guide

(Solaris 2.5.1)

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Preface

The following conventions have been used in this document:

[HELVETICA FONT]	Used to indicate keys to be pressed. For example, press [RETURN].
Courier Font	Used to indicate entries to be typed at the keyboard, operating system commands, titles of windows and dialog boxes, file and directory names, and screen text. For example, type the following command at the prompt: setenv boot-device diskN
<i>Italics</i>	Used for emphasis.

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1. Introduction

1.1 Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Kernel Patch 1 for Solaris 2.5.1 encompasses the following changes:

- C The runtime tool COEInstaller now supports helper functions. Helper functions are “bolt-ons” invoked by the DII COE tools whenever the tools encounter a segment descriptor they are unable to process. The *DII COE Version 3.2.0.0 Programmer’s Manual for Helper Function*, provides a description of helper functions and how to create them.
- C Multiple account groups are supported. That is, a segment can now belong to more than one account group.
- C Patches can be installed from the network.
- C Any logout process now runs to completion without being terminated by its parent.
- C During profile switching, execution of login processes for the newly selected profile are now supported.
- C The ReqrdsScripts are now extendable for global profiles with Security Administration and System Administration account group types.
- C Several enhancements and fixes to the Name Information Service (NIS) Setup options (i.e., NIS Initialization, NIS Remove, and Add NIS Client on Solaris) have been made.

1.2 Referenced Documents

The following documents are referenced in this installation guide:

- C DII.3200.HPSOL.Helper.PM-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Programmer's Manual for Helper Function (HP-UX 10.20/Solaris 2.5.1)*, September 26, 1997
- C DII.3200.Sol251.Kernel.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Kernel Installation Guide (Solaris 2.5.1)*, July 25, 1997
- C DII.3200.Sol251.KernelP1.AG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 System Administrator's Guide for the Kernel Patch 1 (Solaris 2.5.1)*, September 26, 1997.

2. Kernel Patch Installation

The DII COE Version 3.2.0.0 Kernel Patch 1 (Solaris 2.5.1) tape is a patch segment and must be installed after the Solaris 2.5.1 Operating System and the DII COE Version 3.2.0.0 Kernel. Refer to the *DII COE Kernel Installation Guide (Solaris 2.5.1)* for instructions on installing the Solaris 2.5.1 Operating System and the DII COE Kernel.

Follow the steps below to install the DII COE Version 3.2.0.0 Kernel Patch 1 (Solaris 2.5.1) segment. Refer to the *DII COE System Administrator's Guide for the Kernel Patch 1 (Solaris 2.5.1)* for more information about installing segments.

- STEP 1: Load the patch tape.** Load the patch tape into a tape drive.
- STEP 2: Log in as system administrator.** In the DII COE login screen, type `sysadmin` at the Name prompt and press [RETURN].
- STEP 3: Enter the `sysadmin` password.** Type the `sysadmin` password at the Password prompt and press [RETURN]. The System Administration software appears.
- STEP 4: Select the segment installer option.** Select the Segment Installer option from the Software pull-down menu. The Installer window appears (Figure 1).

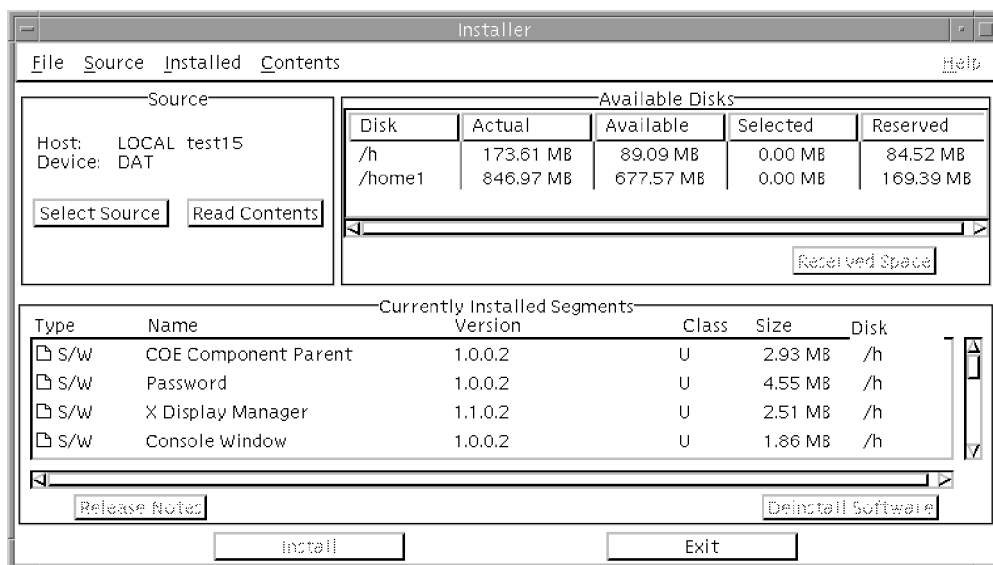


Figure 1. Installer Window

NOTE: Ensure that you can see the whole Installer window by clicking on the bottom right edge of the window and dragging the trackball or mouse outward to enlarge the window.

- STEP 5: Check the installation device.** The Source panel displays the name of the host machine and the name of the installation device. The device selection defaults to the DAT drive on the local machine. If you want to select the REMOTE option to

install from a remote machine, click on the **Select Source** button in the **Source** panel to open the **Select Source** window (Figure 2); then make necessary changes and click the **Ok** button to return to the **Installer** window.

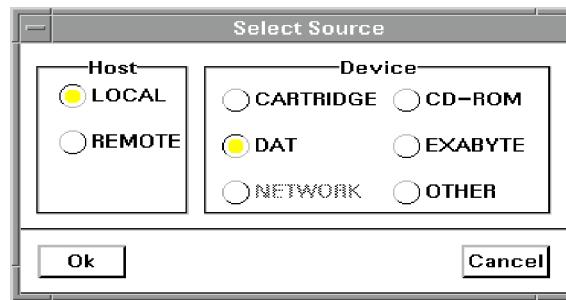


Figure 2. Select Source Window

STEP 6: Read the table of contents of the DAT. Click on the **Read Contents** button in the **Source** panel. The media is scanned, and the **Installer** window adds the **Select Software To Install** panel. This panel lists the **DII COE 3.2.0.0 Kernel Patch 1** segment, which is the patch you want to install. Figure 3 shows a sample **Installer** window with the **Select Software To Install** panel.

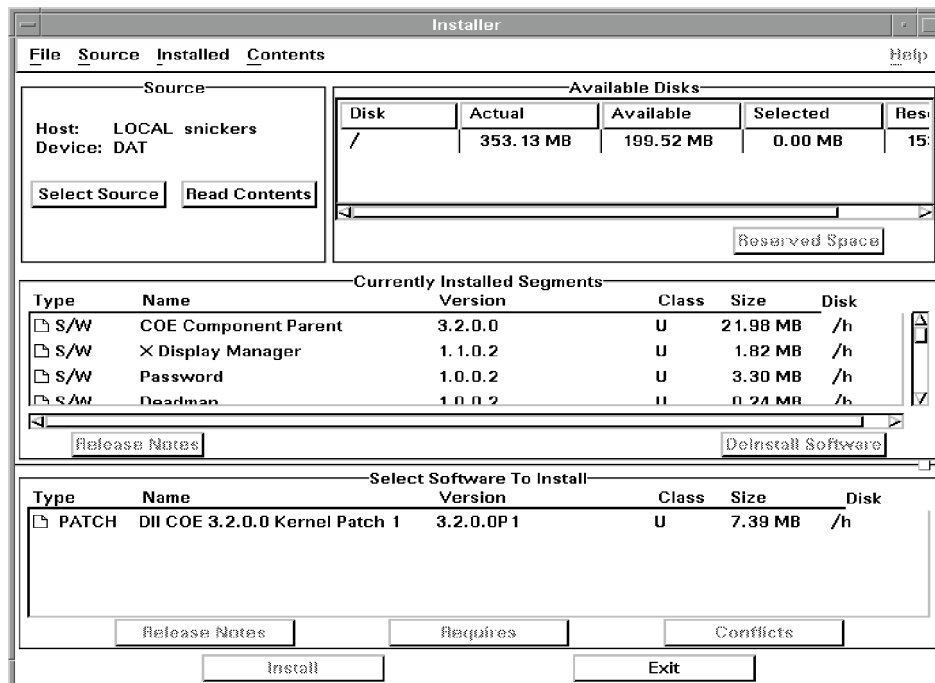


Figure 3. Installer Window with Select Software To Install Panel

STEP 7: Select the segment that you want to install. Click on the **DII COE 3.2.0.0 Kernel Patch 1** segment in the **Select Software To Install** panel to select it

for installation. The Available Disks panel displays the mounted disk drives on the system and the remaining available disk space as the segment is selected.

NOTE: If you wish to view Release Notes and Requires information, continue on to Step 8 and Step 9. If not, go to Step 10.

STEP 8: View Release Notes for the segment. Click on the Release Notes button in the Select Software To Install panel to display release notes for the DII COE 3.2.0.0 Kernel Patch 1 segment. Figure 4 shows a sample RELEASE NOTES window.

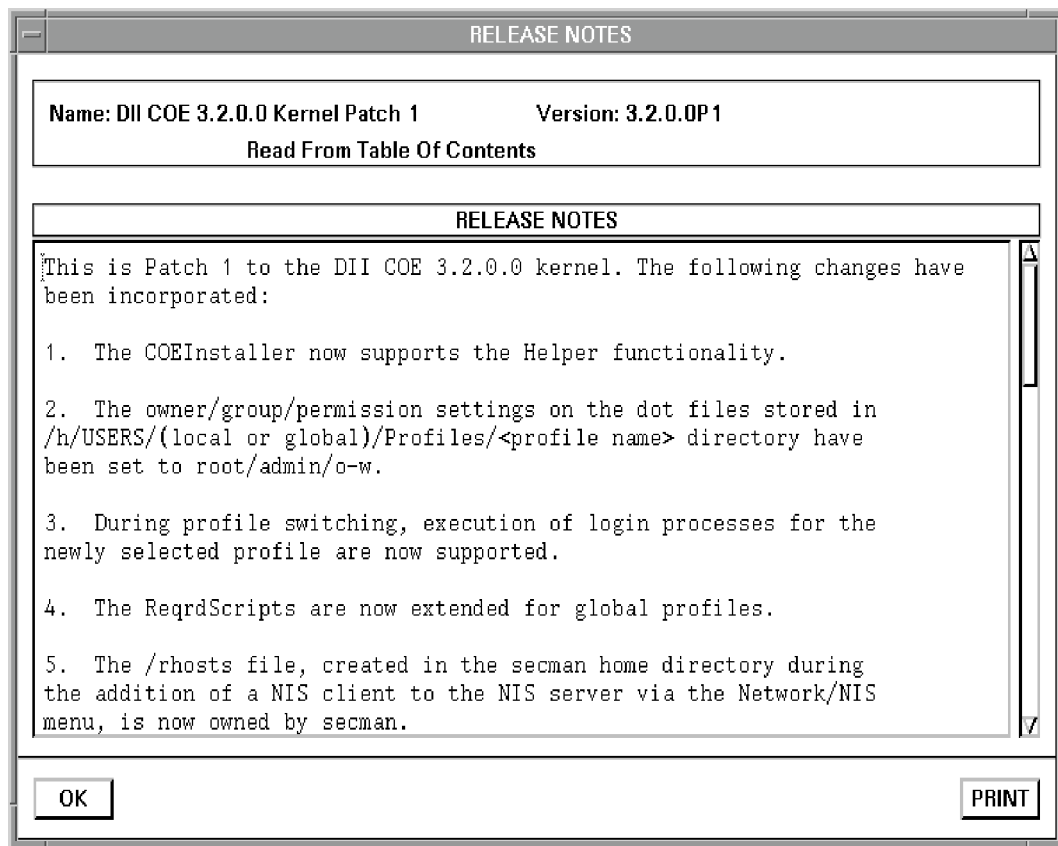


Figure 4. RELEASE NOTES Window

STEP 9: View segments that need to be installed. Click on the `Requires` button in the `Select Segment To Install` panel. The `REQUIRED SEGMENTS` window (Figure 5) appears listing the DII COE 3.2.0.0, which needs to be installed before the DII COE 3.2.0.0 Kernel Patch 1 segment.

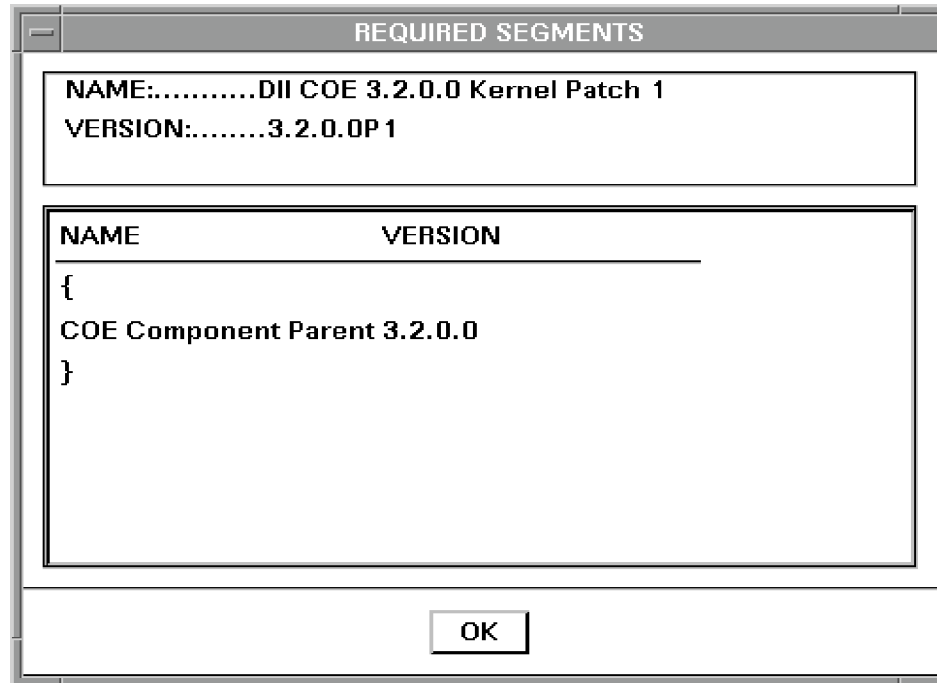


Figure 5. REQUIRED SEGMENTS Window

NOTE: You do not need to click on the `Conflicts` button in the `Select Segment To Install` panel because this patch segment has no conflicting segments.

STEP 10: Begin the installation process for the segment. Click on the `Install` button once you select the `DII COE 3.2.0.0 Kernel Patch 1` segment. The `Installer Status` window appears, which shows the segment you are installing and the size of the segment. This window also shows a `Percent Complete` status bar, which displays the status of the installation.

STEP 11: Reboot the system. Once the installation is complete, the `RESPOND TO THE QUESTION` window appears (Figure 6). Click on the `Ok` button to reboot the system.

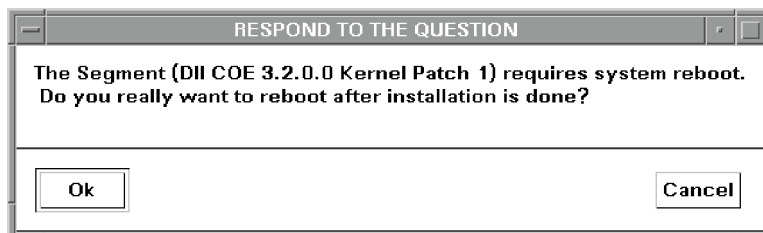


Figure 6. `RESPOND TO THE QUESTION` Window

STEP 12: Ensure the segment installed correctly. Once the system reboots, select the `Segment Installer` option from the `Software` pull-down menu. The `Installer` window lists the `DII COE 3.2.0.0 Kernel Patch 1` segment in the `Currently Installed Segments` panel.

STEP 13: Exit the installer window. Click on the `Exit` button to exit the `Installer` window.

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